

ABSTRACT

A lens holder (1) is so supported that the lens holder (1) is movable along a supporting shaft (6) in parallel to an optical axis of the object lens (3), and rotatable about the supporting shaft (6). Magnets (41, 42) are mounted on the lens holder (1). Focusing coils (71, 72) and tracking coils (81, 82) having sides facing the magnets (41, 42) are mounted on a base (5) on which the supporting shaft (6) is planted. Yokes (91, 92) are so provided that the yokes (91, 92) and the magnets (41, 42) respectively sandwich the focusing coils (71, 72) and the tracking coils (81, 82). The yokes (91, 92) have facing portions (91a, 92a) that face respective magnetic poles of the magnets (41, 42) and extending portions (91b, 92b) extending in the directions away from the magnets (41, 42).